

THE CLAIMS

All the pending claims have been reproduced below, and are indicated to be either amended, unchanged, or added:

1. (Unchanged) An apparatus for automatically associating contextual input data with available multimedia resources, comprising:

a contextual input device for capturing the contextual input data;
a personal assistant device for processing the contextual input data captured by the contextual input device, and for formulating a query based on processed contextual input data; and

a contextual multimedia association module for associating the processed contextual input data with the multimedia resources and for generating association matches.

2. (Unchanged) The system according to claim 1, wherein the personal assistant device automatically formulates the query.

3. (Unchanged) The system according to claim 1, wherein the personal assistant device automatically formulates the query based on a contextual input from a user.

4. (Unchanged) The system according to claim 1, wherein the personal assistant device automatically formulates the query based on a user profile.

5. (Unchanged) The system according to claim 1, wherein the contextual input device digitizes the contextual input data.

6. (Unchanged) The system according to claim 1, wherein the personal assistant device presents the association matches to a user.

7. (Unchanged) The system according to claim 6, wherein the personal assistant device develops a digital profile for a user based on association matches which were previously presented to the user.

8. (Unchanged) The system according to claim 7, wherein the personal assistant device updates the user digital profile based on recent association matches.

9. (Unchanged) The system according to claim 1, wherein the contextual multimedia association applies the query to a data store on a network.

10. (Unchanged) The system according to claim 1, wherein the network includes the World Wide Web.

11. (Unchanged) The system according to claim 1, wherein the contextual input data are based on image signals; and
wherein the personal assistant device enhances the quality of the image signals.

12. (Unchanged) The system according to claim 1, wherein the contextual input data are based on audio signals; and
wherein the personal assistant device enhances the quality of the audio signals.

13. (Unchanged) A method for automatically associating contextual input data with available multimedia resources, comprising:
capturing the contextual input data;
processing the contextual input data and formulating a query based on processed contextual input data; and
associating the processed contextual input data with the multimedia resources and generating association matches.

14. (Unchanged) The method according to claim 13, wherein formulating the query includes automatically formulating the query based on a contextual input from a user.

15. (Unchanged) The method according to claim 13, wherein formulating the query includes automatically formulating the query based on a user profile.

16. (Unchanged) The method according to claim 13, further including presenting the association matches to a user.

Please amend claim 17, as follows:

a1 17. (Once amended) The method according to claim 16, further including developing a digital profile for a user based on association matches which were previously presented to the user.

18. (Unchanged) The method according to claim 17, wherein developing the digital profile includes updating the user digital profile based on recent association matches.

19. (Unchanged) The method according to claim 13, wherein associating the processed contextual input data includes applying the query to a data store on a network.

20. (Unchanged) The method according to claim 13, wherein the contextual input data are based on any one or more of image signals or audio signals; and wherein processing the contextual input data includes enhancing the quality of the any one or more of image signals or audio signals

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Please add new claims 21 - 38, as follows:

--21. (New) A business method for providing network services by:
directly sensing contextual input data;
inputting user provided metadata related to the contextual input data; and
providing one or more pre-qualified network-based services selected from a
plurality of providers based on the contextual input data.

22. (New) The business method according to claim 21, further including
automatically associating contextual input data with available multimedia resources.

23. (New) The business method according to claim 22, further including
processing the contextual input data and formulating a query based on processed
contextual input data.

24. (New) The business method according to claim 23, wherein the step of
providing one or more pre-qualified network-based services includes associating the
processed contextual input data with the multimedia resources and generating
association matches.

25. (New) The business method according to claim 24, wherein formulating the
query includes automatically formulating the query based on a contextual input.

26. (New) The business method according to claim 24, wherein formulating the
query includes automatically formulating the query based on a user profile.

27. (New) The business method according to claim 24, further including
presenting the association matches to a user.

28. (New) The business method according to claim 27, further including developing a digital profile for a user based on association matches which were previously presented to the user.

29. (New) The business method according to claim 28, wherein developing the digital profile includes updating the user digital profile based on recent association matches.

30. (New) The business method according to claim 24, wherein associating the processed contextual input data includes applying the query to a data store on a network.

31. (New) The business method according to claim 24, wherein the contextual input data are based on any one or more of image signals or audio signals; and wherein processing the contextual input data includes enhancing the quality of the any one or more of image signals or audio signals.

32. (New) A business method for automatically associating contextual input data with available multimedia resources, comprising:
capturing the contextual input data;
processing the contextual input data and formulating a query based on processed contextual input data; and
associating the processed contextual input data with the multimedia resources and generating association matches.

33. (New) The business method according to claim 32, further including inputting user provided metadata related to the contextual input data.

34. (New) The business method according to claim 33, wherein associating the processed contextual input data includes providing one or more pre-qualified network-based services selected from a plurality of providers based on the contextual input data.

35. (New) The business method according to claim 34, further including automatically associating contextual input data with available multimedia resources.

36. (New) The business method according to claim 35 further including processing the contextual input data and formulating a query based on processed contextual input data; and

wherein providing one or more pre-qualified network-based services includes associating the processed contextual input data with the multimedia resources and generating association matches.

37. (New) The business method according to claim 36, wherein formulating the query includes automatically formulating the query based on a contextual input; wherein formulating the query includes automatically formulating the query based on a user profile; and further including presenting the association matches to a user.

38. (New) The business method according to claim 37, further including developing a digital profile for a user based on association matches which were previously presented to the user;

wherein developing the digital profile includes updating the user digital profile based on recent association matches;

wherein associating the processed contextual input data includes applying the query to a data store on a network;

wherein the contextual input data are based on any one or more of image signals or audio signals; and,

wherein processing the contextual input data includes enhancing the quality of the any one or more of image signals or audio signals.--
